ABSTRACT OF THE DISCLOSURE

A plurality of virtual volumes with different control functions are associated with one real volume and remote copying is conducted. A relay system comprises a plurality of virtual volumes V12, V21 mapped to the same real volume R1. A virtual volume V21 for transmission control is mapped to a real volume R1, a real volume R2 is mapped to the virtual volume V21, and the virtual volume V12 for reception control is mapped to the real volume R2. If a command is received from a local system 10, the virtual volume V12 for reception control writes data into the virtual volume V21 via the real volume R2 (virtual entity). The virtual volume V21 transmits the data to a copy destination volume V22 and writes the data into the real volume R1.

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